

SUBMERSIBLE JX-180

Storm water and drainage water pump

APPLICATION

Suitable for storm water, treated filtered effluent or drainage water, de-watering cellars, garages, pools, ditches and pits. NOT SUITABLE for sewage & waste water with solids.

DESIGN FEATURES

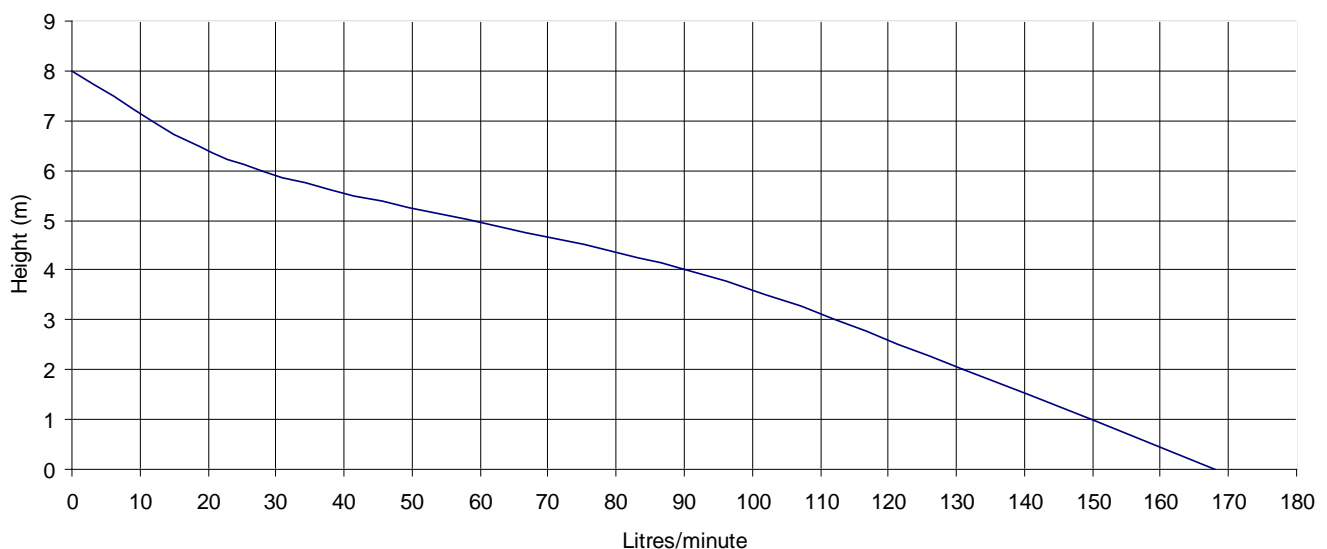
- Built-in overload protection
- Heat treated shaft for durability
- Internal and external seals
- Stainless steel and cast iron construction
- Potted leads sealed with epoxy resin
- Automatic level control



TECHNICAL DATA

Part Number	JX-180	Weight (kg)	9.1
Motor (kW / HP)	0.18 / 0.3	Outlet (mm)	25, 32, 40
Power (Volts / phase)	230 - 240 / 1	Full Load Current (A)	1.5amps
Pump Dimensions (mm)	360(H) x 170(W)	Min Sump Dimension	400x400x400mm

Pump Performance



SUBMERSIBLE JX-400S

Effluent and waste water pump

APPLICATION

Suitable for carrying waste water and effluent the JX-400S is based on the vortex principle, has a genuine non-clog impeller design.

NOT SUITABLE FOR HUMAN WASTE ONLY DAIRY AND SHEEP EFFLUENT

DESIGN FEATURES

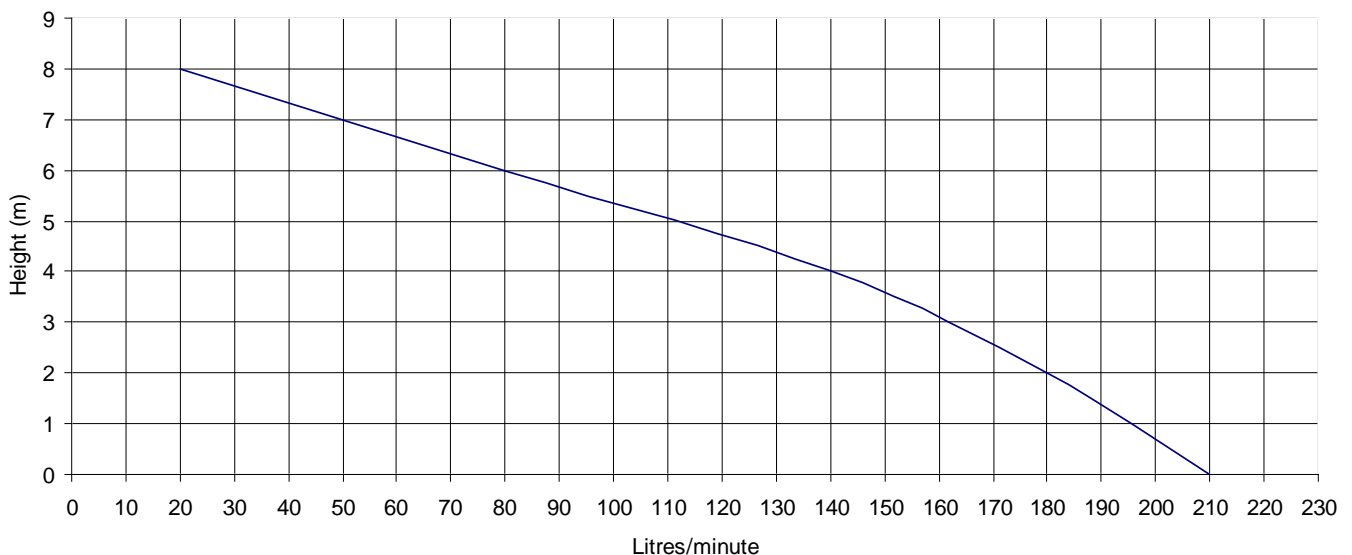
- Built-in overload protection
- Stainless steel heat treated shaft with double seals in oil chamber
- Corrosion resistant cover and pump housing
- Stainless steel motor housing suction cover and screws
- Potted leads sealed with epoxy resin
- Fully automatic level control



TECHNICAL DATA

Part Number	JX-400S	Weight (kg)	18
Motor (kW / HP)	0.45 / 0.6	Outlet (mm)	50
Power (Volts / phase)	230 - 240 / 1	Full Load Current (A)	3 amps
Pump Dimensions (mm)	500(H) x 225(W)	Min Sump Dimension	700x700x700mm

Pump Performance



SUBMERSIBLE WATER PUMPS W-100/1 W-370/1

For pumping clean / seepage water

APPLICATION

Multi-purpose pumps, suitable for pumping clean / seepage water **without** any solids or stringy materials. Minimum sump dimensions.

W-100/1 225mm (L) x 225mm (W) x 275mm (H)

W-370/1 250mm (L) x 250mm (W) x 350mm (H)

DESIGN FEATURES

- Synthetic body light-weight design for intermittent duty
- Built-in magnetic float switch
- Cavity wall low power consumption efficient motor
- Single mechanical seal with double lip seal system
- Unique epoxy cable sealing base
- Built-in motor protection

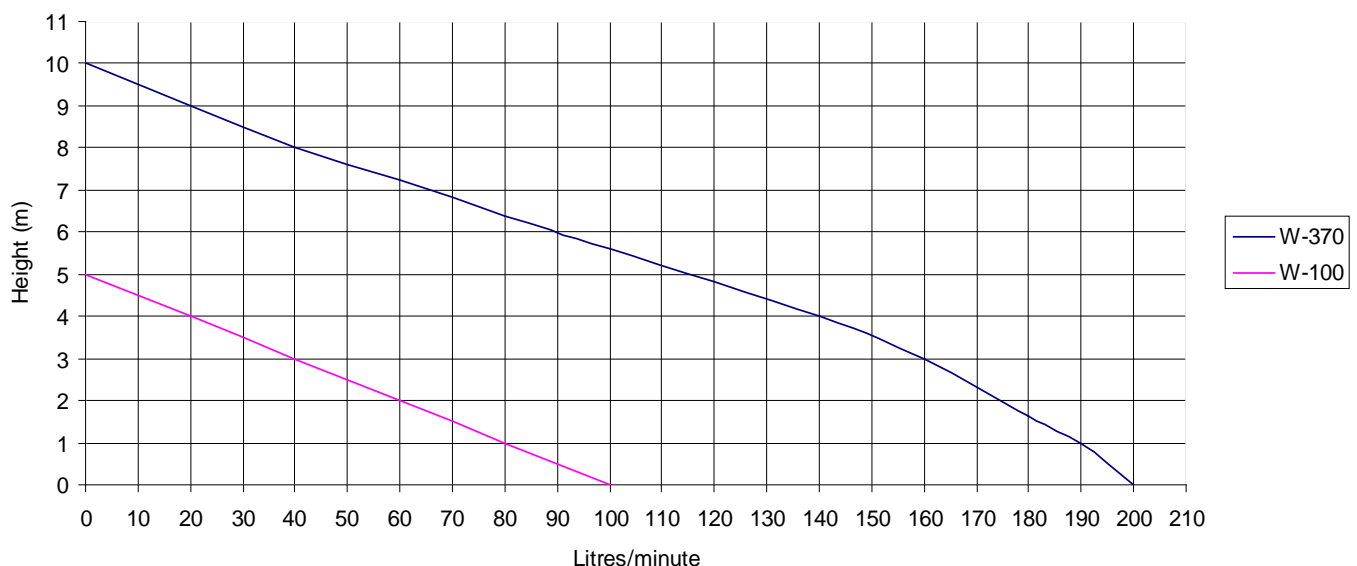


Image W-100/1

TECHNICAL DATA

W-100/1		W-370/1	
Motor (kW / HP)	0.1 / 0.15	Motor (kW / HP)	0.37 / 0.50
Power (Volts / phase)	230 - 240 / 1	Power (Volts / phase)	230 - 240 / 1
Dimensions (mm)	250 x 200 x 144	Dimensions (mm)	325 x 225 x 159
Weight (kg)	4	Weight (kg)	6.5
Outlet (mm)	25	Outlet (mm)	40mm
Cable Length (m)	4	Cable Length (m)	4

Pump Performance



SUBMERSIBLE W-400

Storm water and drainage water pump

APPLICATION

Suitable for storm water, treated filtered effluent or drainage water only NOT SUITABLE for sewage & waste water with solids

DESIGN FEATURES

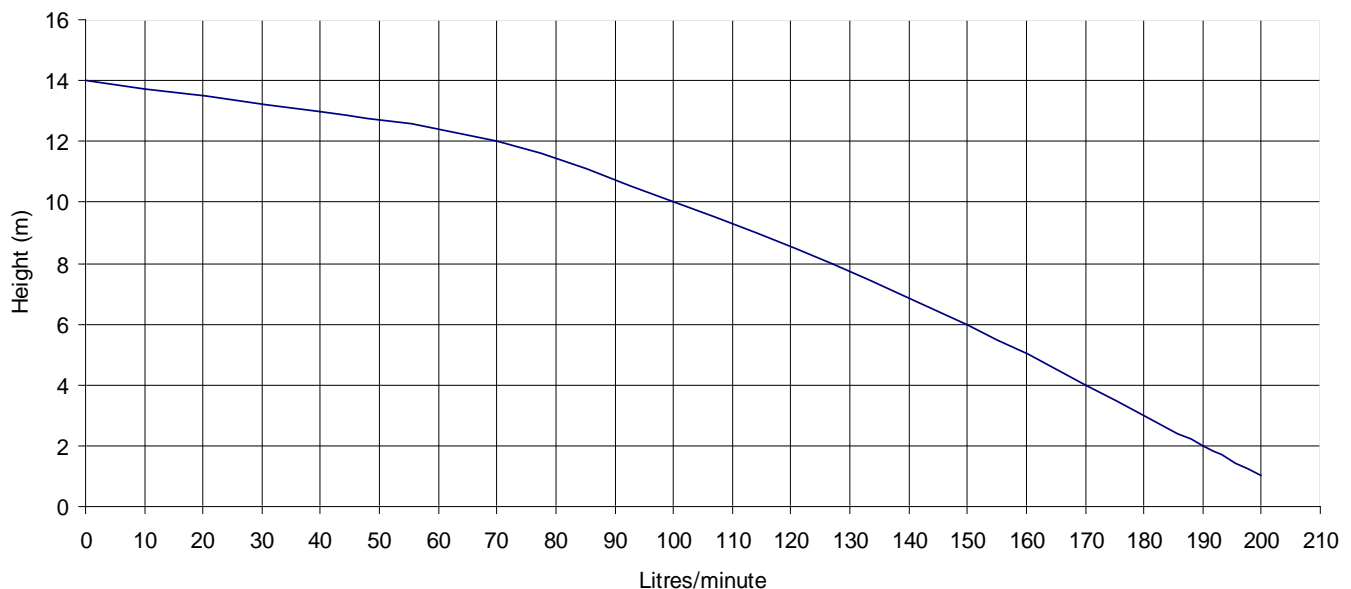
- Special **Open Impeller** design suitable for pumping treated effluent and drainage water with soft solids up to 4-5mm
- High shut off head of 14 metres
- Triplex sealing **Double Mechanical Seal** in oil bath plus an oil seal arrangement for protection of motor
- Unique cable sealing protects from water entering motor
- Heavy duty upper and lower ball bearings ensure smooth operation and supports axial load / thrust
- Built-in float switch for automatic liquid level operation



TECHNICAL DATA

Part Number	W-400	Weight (kg)	15
Motor (kW / HP)	0.40 / 0.5	Outlet (mm)	25 BSP
Power (Volts / phase)	230 - 240 / 1	Full Load Current (A)	4 amps
Pump Dimensions (mm)	460(H) x 250(W)	Min Sump Dimension	700x700x700mm

Pump Performance



SUBMERSIBLE WATER PUMP AquaDrain 32-750

High head, submersible clear water pump

APPLICATION

Suitable for pumping clear water, treated filtered effluent only
 NOT SUITABLE for sewage & waste water with solids

DESIGN FEATURES

- Unique **Reversed Impeller** design, ensuring **Mechanical Seal** is never subjected to high pressure from pump
- High shut off head of 33 metres
- Double mechanical seal in oil bath, operating at static head pressure only ensures reliable trouble free operation
- Unique cable sealing protects from water entering motor
- Heavy duty upper and lower ball bearings ensure smooth operation and supports axial load / thrust
- Built-in float switch for automatic liquid level operation

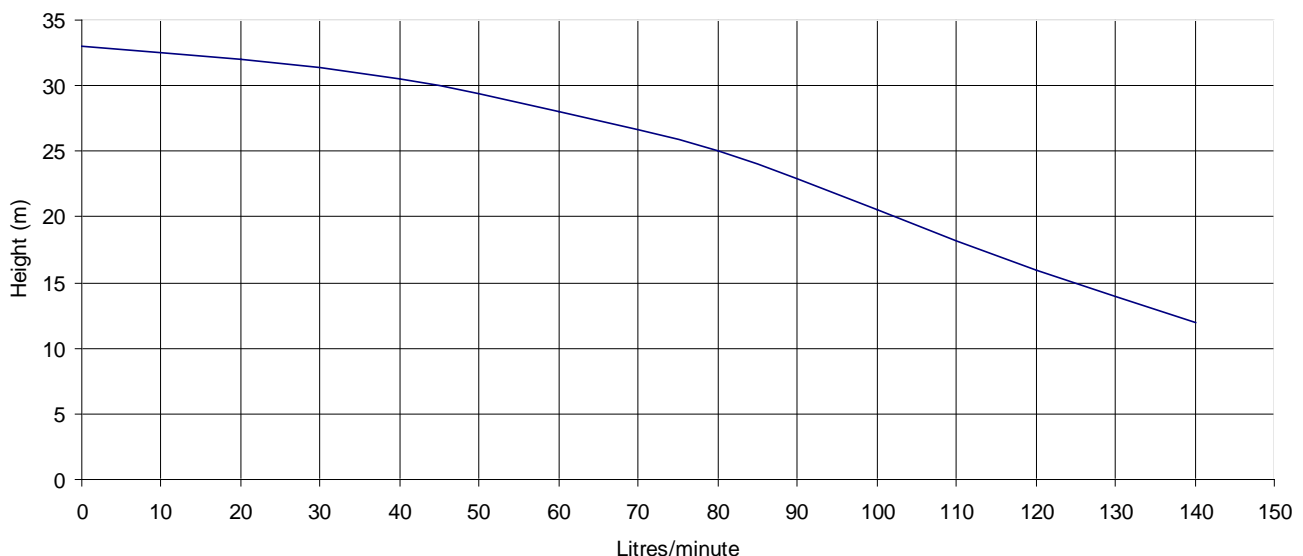


TECHNICAL DATA

Part Number	AD32-750	Weight (kg)	17
Motor (kW / HP)	0.75 / 1.0	Outlet (mm)	25 BSP
Power (Volts / phase)	230 - 240 / 1	Full Load Current (A)	5.24 amps
Pump Dimensions (mm)	360(H) x 250(W)	Min Sump Dimension	700x700x700mm

NOTE: Do not operate AD32-750 pump below 12m head as it may cause cavitations, vibrations etc... which may damage the pump. Such damage is not covered under warranty. For duty conditions under 12m head you may use W-400 submersible pump.

Pump Performance



SUBMERSIBLE W-750 SV

Drainage and waste water pump

APPLICATION

Suitable for domestic drainage / waste / rain and storm water only with soft solids of maximum 15 – 20mm Dia and maximum 2 – 3% concentration by volume.

Not suitable when liquid contains hard solids i.e. sand, stones, gravel, wood, stringy material like clothes, plastic bags, sanitary pads, nappies or tough non water soluble papers like wet wipes, cardboard or rubber etc...

DESIGN FEATURES

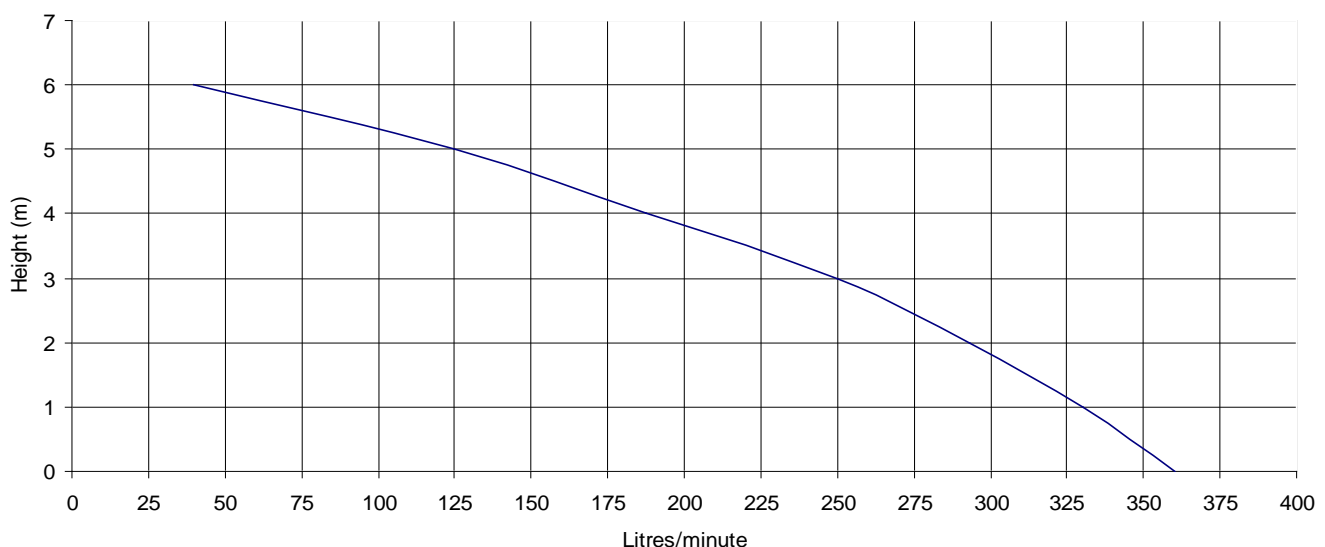
- Advanced Vortex Impeller design allows soft particles of 15 – 20mm to pass without any blockage
- Vortex impeller vanes have good efficiency and reliability of performance
- Triplex sealing **Double Mechanical Seal** in oil bath plus an oil seal arrangement for protection of motor from any ingress of sewage or waste water
- Unique epoxy cable sealing protects from water entering motor
- Heavy duty upper and lower ball bearings ensure smooth operation and supports axial load / thrust
- W-750 SV pump comes with built-in float switch for automatic liquid level operation
- All pumps supplied with base mounting. Auto-coupling option available on request



TECHNICAL DATA

Motor (kW / HP)	0.75 / 1.0	Weight (kg)	22
Power (Volts / phase)	230 – 240 / 1	Outlet (mm)	50
Pump Dimensions (mm)	460(H) x 250(W) MAX	Full Load Current (A)	7amps
Pump Diameter (mm)	225Ø	Min Sump Dimension	700x700x700mm

Pump Performance



SUBMERSIBLE Shredder/Grinder Mechanism

W-750 SK / W-1500 SK (1 phase) W-1500 SK (3 phase)

Sewage and waste water pumps

APPLICATION

Suitable for domestic sewage and wastewater containing human faeces and water soluble toilet paper only.

Not suitable when liquid contains hard solids i.e. sand, stones, gravel, wood, stringy material like clothes, plastic bags, sanitary pads, nappies or tough non water soluble papers like wet wipes, cardboard or rubber etc...

DESIGN FEATURES

- Advanced shredding / grinding mechanism
- Fixed suction cover under impeller having specifically designed edges and grooves in combination with rotating impeller shreds / grinds soft sewage particles for easy pumping without any blockage
- Surface hardening heat treatment is done on specific areas of the impeller vanes and cutting edges to increase efficiency, reliability and performance
- Triplex sealing **Double Mechanical Seal** in oil bath plus an oil seal arrangement for protection of motor
- Unique epoxy cable sealing protects from water entering motor
- Heavy duty upper and lower ball bearings ensure smooth operation and supports axial load / thrust
- W-750 SK pump comes with built-in float switch for automatic liquid level operation
- W-1500 SK / WT-1500 SK pumps are supplied with separate float and control panel having built-in motor protection and high level alarm facility
- All pumps come with standard base mounting. Auto coupling option available for W-750 SK



W-1500 SK

Fixed suction cover having specifically designed edges & grooves in combination with rotating impeller of special design, shreds / grinds soft sewage particles

TECHNICAL DATA

Model	Motor kW / HP	Volt / Phase	Discharge size	Full Load current
W-750 SK	0.75 / 1.0	230/240v / 1 ph	50mm	7.0 amps
W-1500 SK	1.5 / 2.0	230/240v / 1 ph	80mm	14.0 amps
WT-1500 SK	1.5 / 2.0	400v / 3 ph	80mm	3.2 amps

DIMENSIONS

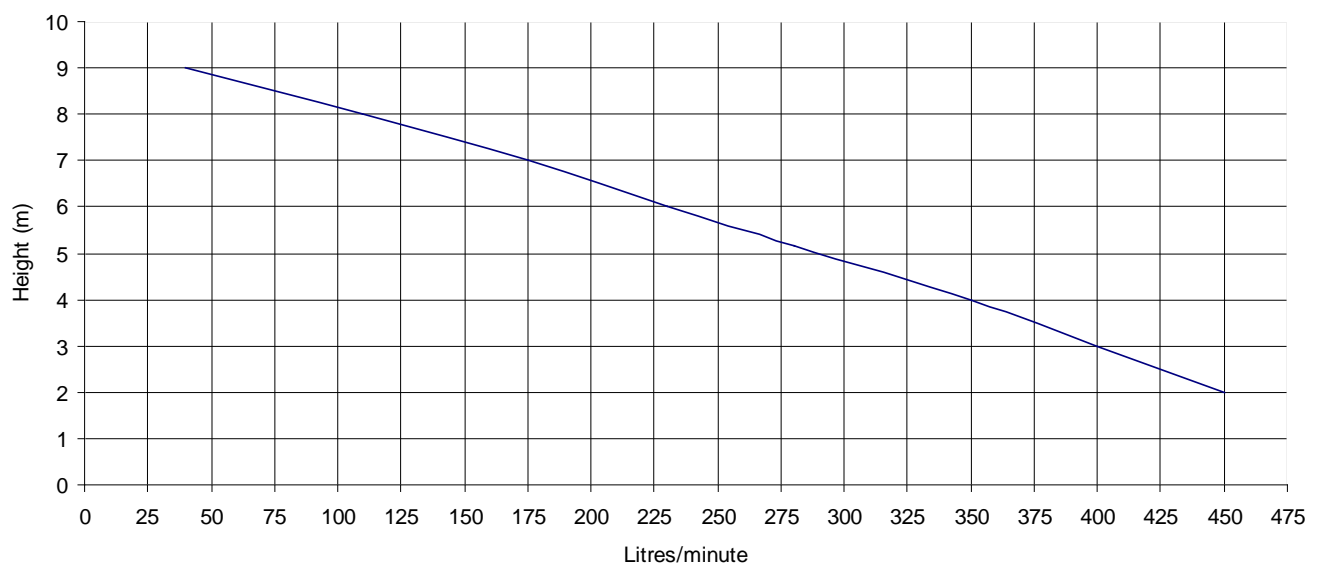
Model	Height (mm)	Max Width	Body DIA (mm)	Weight (Kg)
W-750 SK	495	290	225 Ø	22
W-1500 SK	550	355	265 Ø	36
WT-1500 SK	445	355	265 Ø	30

MINIMUM SUMP DIMENSIONS

Model	Height (mm)	Width (mm)	Length (mm)
W-750 SK	700	700	700
W-1500 SK	1000	1000	1000
WT-1500 SK	1000	1000	1000

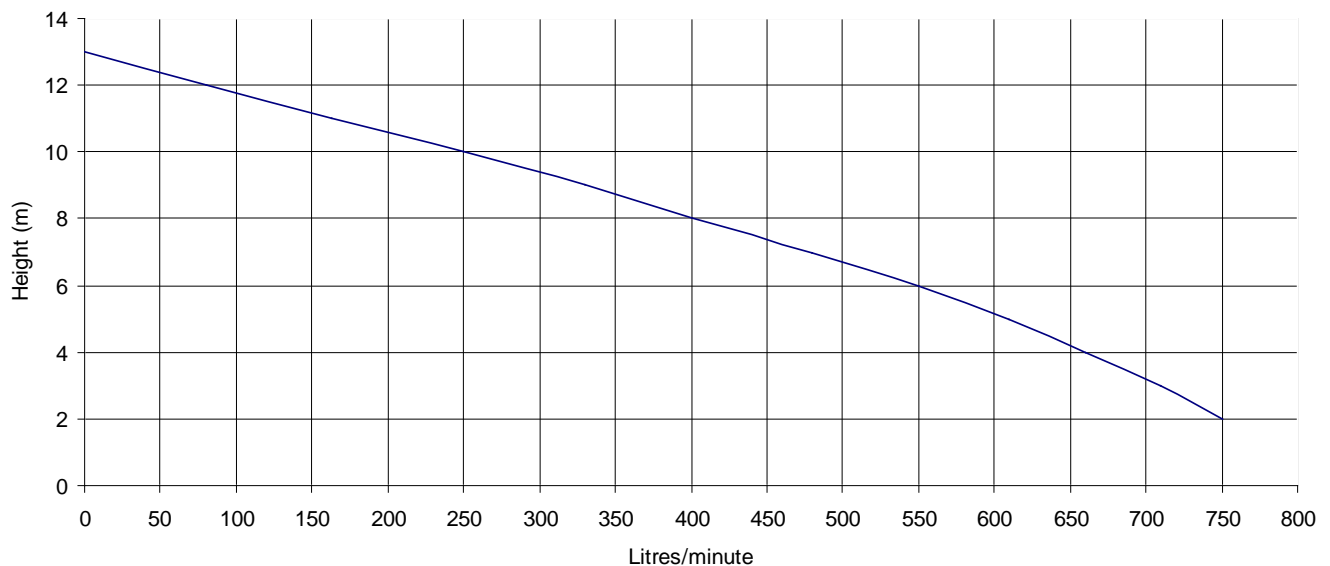
W-750 SK

Pump Performance



W-1500 SK / WT-1500 SK

Pump Performance



SUBMERSIBLE Shredder/Grinder W-1500 SC

Sewage and waste water pumps

APPLICATION

Suitable for domestic sewage and wastewater containing human faeces and water soluble toilet paper only.

Not suitable when liquid contains hard solids i.e. sand, stones, gravel, wood, stringy material like clothes, plastic bags, sanitary pads, nappies or tough non water soluble papers like wet wipes, cardboard or rubber etc...

DESIGN FEATURES

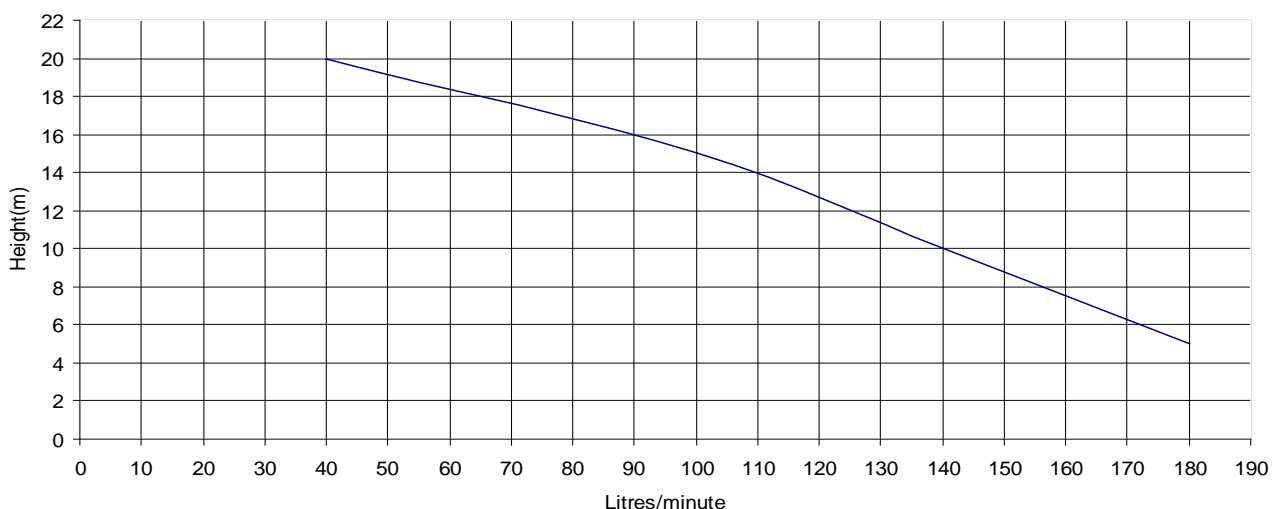
- Advanced integrated grinding mechanism designed to shred / grind soft sewage particles
- Grinding mechanism of fixed blade and rotating cutter made of harden abrasion resistant Chromium-Molybdenum alloy steel
- Fixed blade has 27 cutting edges. When the specially designed rotating cutter is at optimum performance there are approx 80,000 shredding actions per minute.
- Triplex sealing **Double Mechanical Seal** in oil bath plus an oil seal arrangement for protection of motor
- Unique epoxy cable sealing base ensures any water vapour from entering the motor even if the cable breaks
- Double ball bearings at the base fully supports axial load / thrust
- W-1500 SC pump comes with built-in float switch for automatic liquid level operation
- Supplied with base mounting. Auto-coupling option available on request



TECHNICAL DATA

Motor kW / HP	1.5 / 2.0	Weight (Kg)	37
Voltage / Phase	230 - 240v / 1ph	Height x Max Width	552mm x 284mm
Discharge Size	32mm	Body Diameter	210mm Ø
Full Current Load	13.0 amps	Min Sump Dimension	1000x1000x1000mm

Pump Performance



HOMA SUBMERSIBLE PUMP GRP 16WA

Submersible pump with cutter / grinder system for sewage and effluent

APPLICATION

Suitable for pumping sewage and effluent from conventional sewer systems of low population. Also suitable for leachate applications

DESIGN FEATURES

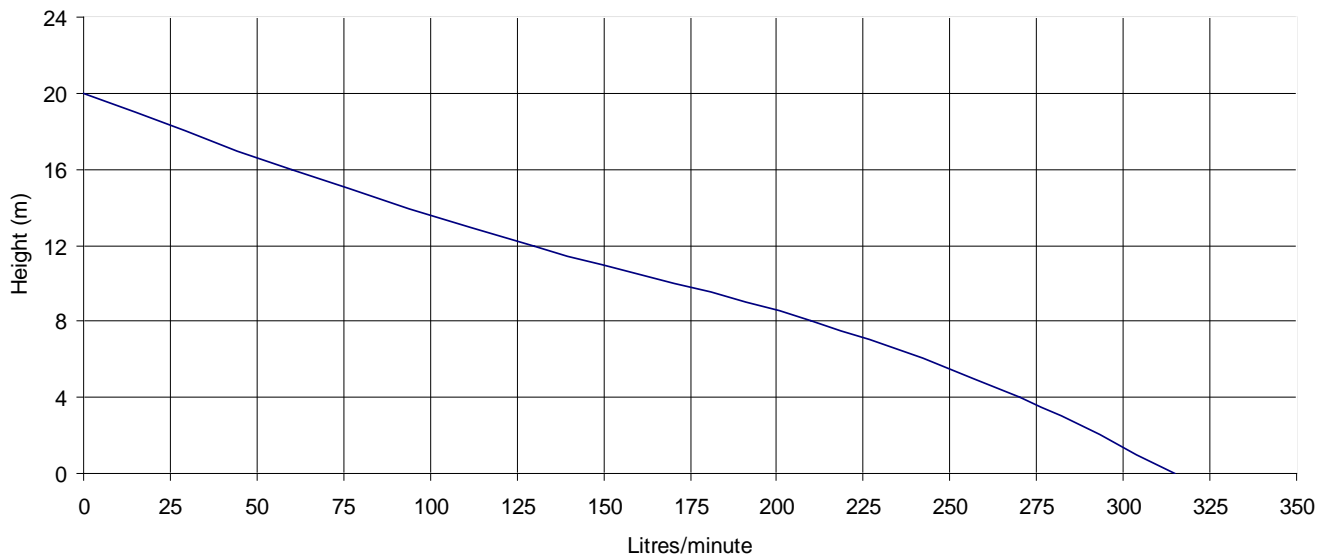
- Single stage centrifugal pump with horizontal discharge
- Open multi-channel impeller
- Cutter system at pump inlet consisting of stationary cutter ring and blade rotor
- Pressure tight electric motor single or three phase
- Large diameter stainless steel rotor shaft
- heavy duty pre-lubricated bearings
- Combination of mechanical seal and lip seal in oil chamber
- All models available with explosion proof motors



TECHNICAL DATA

Part Number	GRP16BDA	Weight (kg)	27
Motor (kW)	1.1	Outlet (mm)	50
Power (Volts / phase)	230 - 240 / 1	Full Load Current (A)	7.5
Pump Dimensions (mm)	496 x 261 x 212	Speed (rpm)	2900

Pump Performance



HOMA SUBMERSIBLE PUMP GRP 26DA

Submersible pump with cutter / grinder system for sewage and effluent

APPLICATION

Suitable for pumping sewage and effluent from conventional sewer systems of low population. Also suitable for leachate applications

DESIGN FEATURES

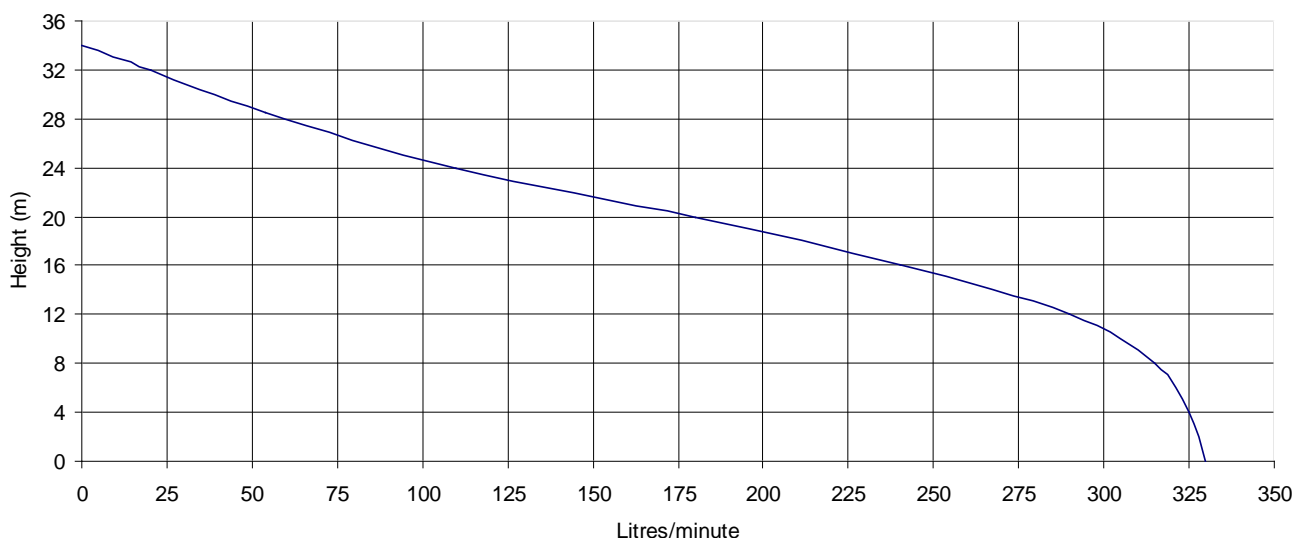
- Single stage centrifugal pump with horizontal discharge
- Open multi-channel impeller
- Cutter system at pump inlet consisting of stationary cutter ring and blade rotor
- Pressure tight electric motor three phase
- Large diameter stainless steel rotor shaft
- heavy duty pre-lubricated bearings
- Combination of mechanical seal and lip seal in oil chamber
- All models available with explosion proof motors

TECHNICAL DATA



Part Number	GRP26DA	Weight (kg)	33
Motor (kW)	1.9	Outlet (mm)	50
Power (Volts / phase)	400-415/ 3	Full Load Current (A)	4.4
Pump Dimensions (mm)	468 x 350 x 350	Speed (rpm)	2900

Pump Performance



HOMA SUBMERSIBLE PUMP GRP 26WA

Submersible pump with cutter / grinder system for sewage and effluent

APPLICATION

Suitable for pumping sewage and effluent from conventional sewer systems of low population. Also suitable for leachate applications

DESIGN FEATURES

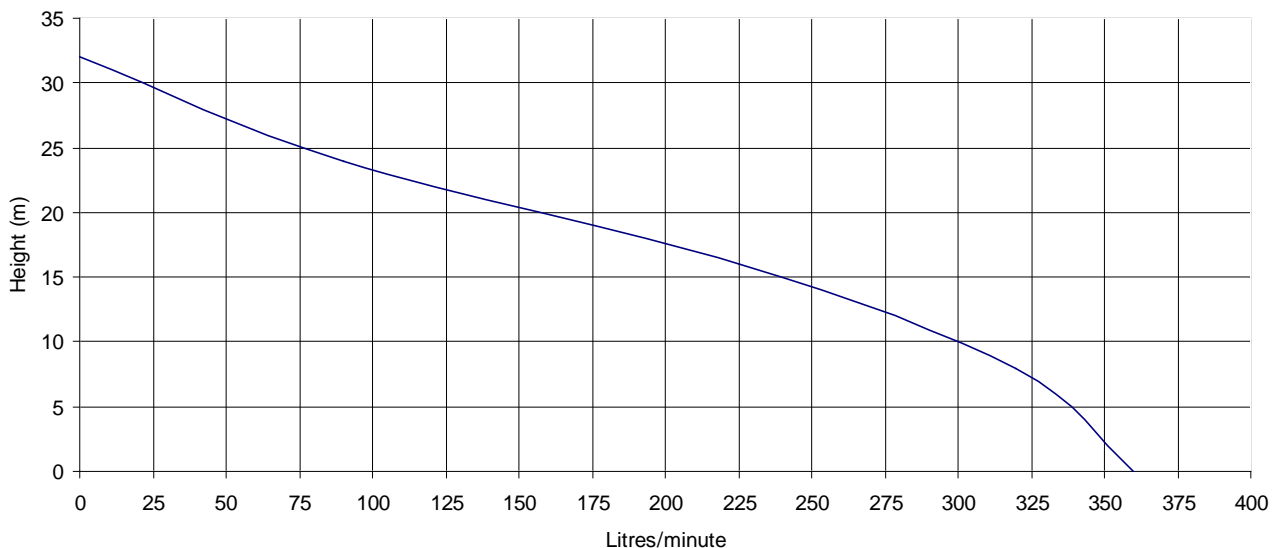
- Single stage centrifugal pump with horizontal discharge
- Open multi-channel impeller
- Cutter system at pump inlet consisting of stationary cutter ring and blade rotor
- Pressure tight electric motor single phase
- Large diameter stainless steel rotor shaft
- heavy duty pre-lubricated bearings
- Combination of mechanical seal and lip seal in oil chamber
- All models available with explosion proof motors



TECHNICAL DATA

Part Number	GRP26WA	Weight (kg)	33
Motor (kW)	1.8	Outlet (mm)	50
Power (Volts / phase)	230-240/ 1	Full Load Current (A)	11.5
Pump Dimensions (mm)	468 x 350 x 350	Speed (rpm)	2900

Pump Performance



HOMA SUBMERSIBLE PUMP GRP 36DA

Submersible pump with cutter / grinder system for sewage and effluent

APPLICATION

Suitable for pumping sewage and effluent from conventional sewer systems of low population. Also suitable for leachate applications

DESIGN FEATURES

- Single stage centrifugal pump with horizontal discharge
- Open multi-channel impeller
- Cutter system at pump inlet consisting of stationary cutter ring and blade rotor
- Pressure tight electric motor three phase
- Large diameter stainless steel rotor shaft
- heavy duty pre-lubricated bearings
- Combination of mechanical seal and lip seal in oil chamber
- All models available with explosion proof motors

TECHNICAL DATA



Part Number	GRP36DA	Weight (kg)	44
Motor (kW)	3.1	Outlet (mm)	50
Power (Volts / phase)	400-415 / 3	Full Load Current (A)	6.4
Pump Dimensions (mm)	505 x 350 x 350	Speed (rpm)	2900

Pump Performance

